

Skill Sheet 9-I-2

Objective 23: Clean, inspect, and maintain power tools and equipment. (NFPA® 1001, 5.5.1)

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will clean, inspect, and maintain various power tools. Every department has unique tools and equipment. This is merely a basic guide to common procedures. Tools needing maintenance will be placed on a salvage cover. Students should select one tool at a time and clean and dry each tool thoroughly before proceeding to inspection and maintenance so that the cleaning can reveal any maintenance needs. Remind students to follow the manufacturer's instructions when using any equipment.

Equipment & Materials

- Personal protective clothing (may include hearing and eye protection)
- Maintenance tools such as files, wrenches, screwdrivers, hammers, etc.
- Maintenance supplies appropriate for the types of tools used, such as: gasoline (4-cycle fuel), mixed gasoline(2-cycle fuel), diesel, fuel stabilizer, tags, machine oil, lubricating oil, mild detergent, degreaser, shop towels, paint, brushes, scrub pads, buckets, water.
- Salvage cover
- Cutting saw
- Gas powered positive pressure fan or portable power plant
- Appropriate equipment operation and service manuals

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

☐

Fail

☐

Evaluator Signature

Date

Student Signature

Date

Skills Evaluation Checklist

Objective 23: Clean, inspect, and maintain power tools and equipment.

Task Steps		Yes	No
Tool Cleaning			
1.	Clean tools according to manufacturer's guidelines.		
Tool Inspection			
2.	Inspect tools for damage.		
3.	Inspect parts for tightness and function. a. Ensure that all guards are functional and in place. b. Check all electrical components for cuts or other damage.		
4.	Inspect working surface for damage or wear.		
Tool Maintenance			
5.	Change a cutting blade on a power tool. a. Check blades for damage or wear. b. Replace blades that are damaged or worn.		
6.	Check fuel level in all power tools and fill as necessary. a. Use correct fuel type. b. Ensure that fuel is fresh.		
7.	Check oil level in all tools and fill as necessary.		
8.	Start all power tools and keep them running. a. Ensure power tools will start manually. b. Ensure battery packs are fully charged.		
9.	Tag a tool that is out of service. a. Place appropriate notification on the tool. b. Communicate with officer the situation.		